

## WEATHER REPORT

HONOLULU, July 1, 1912.  
GENERAL SUMMARY.

The rains were generally light over the Section, and below the average for the week at all stations having a record of ten or more years on Maui, in the North Kohala, Hamakua and North Hilo districts of Hawaii; in the Hanalei and Koloa districts of Kauai, and in the Koolaula, northern part of Koolau, Honolulu, Ewa, and Waialua districts of Oahu. In the Waianae and southern portion of the Koolau districts of Oahu; the Kawaihau and Waimea districts of Kauai; the South Hilo, Kau, and South Kona districts of Hawaii, and on the island of Molokai the rainfall was above the average for the week.

The following are the total amounts of rainfall for the week in inches, in the different districts of the several islands: HAWAII—North Kohala 0.25 to 0.73, Hamakua 0.02 to 0.03, North Hilo 0.38 to 1.22, South Hilo 1.96 to 4.29, Kau 0.32 to 0.33, and South Kona 1.49; MAUI—Makawao 0.76 to 1.04, Hana 0.31, and Waialuku and Lahaina 0.00; OAHU—Koolaula 0.24, Koolau 0.41 to 0.50, Honolulu 0.17 to 0.88, Ewa trace, Waianae 0.39, and Waialua 0.05 to 0.08; KAUAI—Hanalei 0.06, Kawaihau 0.65, Lihue 0.17, Koloa 0.03 to 0.18, and Waimea 0.14; and MOLOKAI—Molokai 0.13 to 0.58.

The following are the departures from the average rainfall for the week, in inches, in the several islands: HAWAII—North Kohala -0.54 to -0.46, Hamakua -0.51 to -0.54, North Hilo -0.42 to -1.13, South Hilo -0.44 to -2.15, Kau -0.44 to -1.14, and South Kona -0.07; MAUI—Makawao -0.20, Waialuku -0.04, and Lahaina -0.11; OAHU—Koolaula -0.07, Koolau -0.55 to -0.15, Honolulu -0.01 to -1.50, Ewa -0.13, Waianae -0.33, and Waialua -0.07; KAUAI—Hanalei -0.88, Kawaihau -0.28, Koloa -0.05 to -0.88, and Waimea -0.02; and MOLOKAI—Molokai -0.38.

The mean temperatures were 1.0° to 1.9° higher than those of last week in the South Hilo and South Kona districts of Hawaii; in the Waimea and Hanalei districts of Kauai; in the southeastern portion of Molokai; in the Makawao and Hana districts of Maui, and in the northern part of the Koolau district of Oahu. In the Ewa and lower levels of the Waialua Districts of Oahu the mean temperatures were 1.4° to 1.6° higher than those of the preceding week. Elsewhere the changes were less than 1.0°.

Kohala Mill, Hawaii, reported heavy volcanic smoke on the 24th and 25th; and Naalehu, Hawaii, that the winds were high during the greater part of the week.

The following table gives the weekly averages of temperature and rainfall for the principal islands and for the group:

|         | TEMPERATURE | RAINFALL     |
|---------|-------------|--------------|
| Hawaii  | 73.8°       | 1.06 inches. |
| Maui    | 74.4°       | 0.42 inch.   |
| Oahu    | 75.9°       | 0.35 inch.   |
| Kauai   | 76.3°       | 0.22 inch.   |
| Molokai | 76.2°       | 0.36 inch.   |

Entire Group ..... 75.1° 0.63 inch.

At the local office of the United States Weather Bureau in Honolulu clear to cloudy weather obtained, generally partly cloudy, with a trace of rainfall on the 23rd and measurable amounts on three subsequent dates, totaling 0.17 inch, 0.01 less than the normal amount for the week, and 0.16 more than during the preceding week. The maximum temperature was 83°, minimum 69°, and mean 75.9°, 1.5° below the weekly normal, and 0.8° lower than last week's. The mean daily relative humidity varied from 62° to 74°, and the mean for the week was 66.7°, about 3° below normal. Easterly winds prevailed on the 24th, westerly on the 25th and 27th, and northeasterly on the remaining dates, with an average hourly velocity for the week of 6.9 miles—a small average. The mean daily barometer ranged from 30.02 to 30.06 inches, and the mean for the week, 30.04, was 0.03 inch above the normal.

## ISLAND OF HAWAII.

Puakoa Ranch (27)—Showers occurred on five dates and totaled .73 inch, 17 more than during the preceding week.—A. Mason.

Kohala Mill (28)—The mean temperature was 73.8°. Rain fell on three dates and amounted to .25 inch, .54 below the average, and .31 less than last week's.—Dr. B. D. Bond.

Kohala Mill (27)—Showers occurred on three dates and totaled .30 inch, .42 less than the previous week's, and .46 below the average. The mean temperature was 73.7°.—T. H. Lillie.

Honokaa (26)—The mean temperature was 75.2°. There was .02 inch of rainfall on the 20th, .64 below the average, and .63 less than last week's.—Geo. R. Sims.

Papaeha (26)—There was .05 inch of rainfall on the 20th, .10 less than the previous week's, and .61 below the average. The mean temperature was 74.8°.—Louis Wilson.

Oakala (27)—The mean temperature was 73.4°. Rain fell on three dates and amounted to .46 inch, .67 less than the average, and .10 more than last week's.—W. G. Lawson.

Laupahoehoe (27)—Showers occurred on five dates and totaled .54 inch, 13 more than during the preceding week, and 1.13 inches less than the average.—R. W. Barnard.

Papaeha (27)—There was .38 inch of rainfall on the 21st, .17 more than last week's.—C. McLennan.

Honohina (20)—Showers occurred daily and totaled 1.22 inches, .42 inch less than the average, and .51 more than during the preceding week.—Jas. A. Parker.

Honolulu (27)—Rain fell daily and amounted to 1.96 inches, .85 inch more than the previous week's.—J. Oliver.

Pepee (26)—The mean temperature was 73.2°. There were daily rains which amounted to 2.63 inches, 1.14 more than the average.—Pepee Sugar Co.

Papaeha (27)—Showers occurred on five dates and excessively heavy rains on the 27th, totaling 4.29 inches, 3.44 more than during the previous week, and 2.15 above the average.—Hector Moir.

Hilo (27)—The mean temperature was 73.6°. Rain fell daily and amounted to 2.10 inches, 1.47 more than last week's, and .44 inch above the average.—L. C. Lyman.

Pahala (26)—Rain fell on the last two dates and amounted to .32 inch, that amount more than the previous week's, and .14 above the average. The mean temperature was 73.9°.—Hawalian Agricultural Co.

Waialeale (26)—Showers occurred on the last two dates and totaled .33 inch, .04 more than the average.—C. Henry White.

Kealahou (27)—There were four days with rainfall, which amounted to 1.49 inches, .07 inch more than the average, and .22 less than during the preceding week.—Robert Wallace.

## ISLAND OF MAUI.

Hauku (27)—The mean temperature was 72.4°. There was a trace of rainfall on the 25th, and measurable amounts on five dates, totaling .76 inch, .20 less than the average.—Mrs. L. B. Atwater.

Kailua (28)—Showers occurred on the last six dates and totaled 1.04 inches, .15 inch more than during the preceding week. The mean temperature was 71.6°.—Miss Y. B. M. Wana.

Hana (24)—The mean temperature was 74.6°. Rain fell on five dates and amounted to .31 inch, .76 less than during the preceding week.—Geo. O. Cooper.

Kahului (27)—There was no rainfall, a deficiency of .04 inch in the average amount for the week, and .08 less than the average. The mean temperature was 76.8°.—J. C. Foss, Jr.

Kaanapali (27)—The mean temperature was 76.8°. There was no rainfall, a deficiency of .11 inch in the average rainfall for the week.—Capt. C. F. Turner.

## ISLAND OF OAHU.

Kahuku (28)—The mean temperature was 76.9°. Rain fell on the last three dates and amounted to .24 inch, .07 less than the average, and .03 more than the previous week's.—W. T. Vorfeld.

Maunawili Ranch (28)—Showers occurred on the last two dates and totaled .41 inch, .17 less than last week's, and .55 below the average. The mean temperature was 75.2°.—John Herd.

Waianae (28)—The mean temperature was 73.2°. Rain fell on three dates and amounted to .50 inch, .15 above the average, and .36 more than the previous week's.—A. Irvine.

Luakaha (28)—Showers occurred on five dates—at the upper station amounting to .38 inch, .27 less than last week's; and at the lower station totaling .79 inch, .18 less than during the preceding week, and 1.50 inches below the average.—L. A. Moore.

Ewa (29)—The mean temperature was 75.8°, and there was a trace of rainfall, that amount more than last week's, and .13 inch less than the average.—R. Muller.

Waianae (28)—There was .39 inch of rainfall on the 28th, that amount more than the previous week's, and .33 above the average. The mean temperature was 76.0°.—F. Meyer.

Schofield Barracks (28)—The mean temperature was 73.2°. Rain fell on the last three dates and amounted to .05 inch, .09 less than during the preceding week.—J. C. Foss, Jr.

Waialua (27)—There was .01 inch of rainfall on the 21st, that amount more than last week's, and .01 less than the average. The mean temperature was 75.6°.—Jos. T. Kaula.

Kilauea (28)—Showers occurred on three dates and totaled .06 inch, .58 below the average, and .73 less than the previous week's. The mean temperature was 75.6°.—L. B. Borelko.

Kailua (28)—The mean temperature was 76.0°. Rain fell on two dates and amounted to .56 inch, .05 more than last week's, and .23 above the average.—Makae Sugar Co.

Lihue (28)—Showers occurred on four dates and totaled .17 inch, .13 less than the preceding week. The mean temperature was 77.1°. Rain fell on two dates and amounted to .09 inch, .83 below the average, and .49 less than last week's.—Koloa Sugar Co.

Eleele (28)—Showers occurred on three dates and totaled .18 inch, .09 more than during the preceding week, and .06 less than the average.—McBryde Sugar Co.

Makawili (28)—The mean temperature was 76.2°. Rain fell on two

## GREAT CELEBRATION FOR CITY'S FOURTH OF JULY

## MANY EVENTS TO CROWD ENTIRE FOURTH

Official Program Shows Something Going from Dawn to Midnight

The complete official program as given out today is as follows: General Commission—Representing the Honolulu Chamber of Commerce and Merchants' Association: Mr. Stinson Campbell, H. M. Heppburn, Ed. Towse, Julius Nager, W. D. Adams, M. Phillips, Frank C. Atherton, Richard A. Cooke, F. O. Boyer, J. Walter Doyle, Finance—Frank C. Atherton, H. H. Walker, F. O. Boyer.

Decorations—J. M. Heppburn. Sunless National Salute. Committee—Col. J. W. Jones. 8 A. M.—Parade.

Order of Assembly—All sections to assemble near Capitol grounds. Antiques and horribles at Drill Shed. Floats in vacant lot next Board of Health. Organizations inside Capitol grounds.

Line of March—Down King street to Nuuanu; up Nuuanu to Beretania; cut Beretania to Miller, thence down Miller to the Capitol grounds, where the parade will be reviewed on the Ewa balcony of the executive building; parade then disbands, and antiques and horribles section, before disbanding, moves to position at executive building and receives award of prizes.

Grand Marshal—Prince Jonah K. Kalaniana'ole.

Aides—Mayor Joseph Fern, Arthur Jones, Oscar Cox, Jack Fernandez, Robert Parker, Homer Smith, Ralph Owens, George McCarrison, Guy Macfarlane, Lani Lemon, William Douthitt, George Wilkinson and John Clark.

Assistant Grand Marshal—Norman B. Courtenay.

Parade Committee—J. Walter Doyle, A. P. Clark, Charles F. Loomis, John M. Martin.

10 A. M.—Literary and Musical Exercises, Capitol Grounds.

Patriotic Medley, Hawaiian Band; America's Prayer, Rev. Akaka Akana; opening remarks, Hon. A. D. Castro; Declaration of Independence, Miss Hiro Miyahara; solo and chorus, "Columbia the Gem of the Ocean"; address, Hon. Walter G. Smith; Star Spangled Banner.

Presiding, Hon. A. D. Castro; soloist, Mrs. Charles L. Hall; director, Prof. A. B. Ingalls; committee, Ed. Towse, W. D. Adams, R. A. Cooke, Henry A. Taylor, Wm. Wai Fong, S. Sheba, A. K. Ozawa; stand decorations, Melemae Mary Chang Kim, Molly Yap, Rose Kong, Y. Ahoo, Lum Yum, Misses Hattie Ayau, Lizzie Ayau, Cecelia Chua, Mary Chuck Hoy, Mabel Ho Fon.

11:30 A. M.—Kapiolani Park.

U. S. Cavalry Cosack Drill; Mountain Battery Drill; Field Artillery Drill; Machine Gun Platoon, 5th Cavalry, packing and unpacking, action on breach, showing ranging, traversing, zone fire; Troop C 5th Cavalry, Troop Drill; dismounted fire action; mounted charge, with halt from full speed; Troop D 5th Cavalry, mounted gymnastics, Roman riding, four horses over hurdles, pyramids, jumping over dining table with men seated at table; Troop C 5th Cavalry, mounted fencing; Light Battery, 1st Field Artillery, light battery drill, section contest, harness and unharmed, advance into action.

12 M.—National Salute.

Director of Military Maneuvers—Maj. Campbell, U. S. A.

1 p. m.—Motorcycle Races.

Direction—W. E. Chilton. Five miles, single cylinders—Goldina, H. P. Chilton, E. Magoon, R. Berger, Ten miles, Twin Cylinders—Watson, H. P. Chilton, R. Berger, M. Abreu and Miyamoto. Bicycle Races—Post Entries.

2 P. M.—Baseball.

Asahi vs. Stars.

2 P. M.—Track Sports.

Direction—F. M. Friessell.—No. 1: 100 Yards, Boys under 14, prizes: 1st, \$3; 2nd, \$2; 3rd, \$1. No. 2—50 Yards: Girls, 1st, \$2; 2nd, \$1; 3rd, \$1. No. 3—100 Yards: Open, 1st, \$5; 2nd, \$2; 3rd, \$1. No. 4—100 Yards: 3 legged, 1st, \$3; 2nd, \$2; 3rd, \$1. No. 5—1 mile: International Relay 4 men, 1st, \$2; 2nd, \$1. Prizes will be orders on stores for merchandise.

3 P. M.—Horse Races, Kapiolani Park.

Judges—J. H. Craig, Gus Schuman, Tom Hollinger.

Starter—H. E. Murray.

Clerk of the Course—Richard Young.

Director—Homer J. Smith.

First Race, One-Half Miles, Best 2 out of 3 Heat's: Pacing Entries, Harold D. owner, J. T. Silva; driver, J. Giltson; Walter P. Prince Cupid, Prince Cupid; Wood, J. F. Colburn, J. F. Colburn; Chappo, Wm. Larsen, G. Ward; Lyd. Abbott, Dr. G. T. Straub, B. Galleger.

Second Race, One-Fourth Mile, Isl. and Breed Horses: Running Entries, Buckskin; Owners, A. Magoon; Riders, Holt; Kailhi Girl, M. Resents; Dixie, Chas. Lucas, D. Ferreira; Dora D. Madero; Palama, Patavella.

## MARSHAL OF PARADE AND ACTIVE HEAD OF FEATURES



J. KUHIO KALANIANA'OLE

Delegate Kuhio has stirred up much enthusiasm over the morning parade, and although he undertook the work at the eleventh hour, A. M. Brown, the marshal originally appointed, being called from the city, he has contributed much to its success. J. Walter Doyle has been in active charge of the various features and his fertile brain and energy have been "on the job" all the time.

## HONOLULU READY

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Third Heat Pacing Race.

Fourth Race, One-Half Mile Hack Race, free for all: Trot of pace. Five entries.

Fifth Race, One-Half Mile, free for all: Running entries, Clara C. owners, Patavella; Racine Murphy, J. Warren, rider, Ferreira; Lovetale, C. Gomez; Dora D. Madero; Dixie, Chas. Lucas; Kailhi Girl, M. Resents.

Sixth Race—One Mile Cowboy Race. Committee on Sport—Chas. P. Chillingworth, F. M. Friessell, Wm. R. Chilton, S. Onadere, Marayama, Emil F. Chillingworth, Jr.

8 P. M.—Water Carnival in Harbor.

Illuminated Sampan, etc.

Committee—Dr. Altamura, Dr. Halda, Dr. Yamashiro, Dr. Pughbowl, S. P. M.—Eruption of Pughbowl.

Committee—J. M. Little, F. M. Friessell, J. Walter Doyle, Ralph A. Lyons.

Fireworks—Sandy Island, harbor. Direction: Capt. John Cook.

Burning of Old Hawaiian Man-of-War Kaimiloa—Sandy Island. Direction: Chas. H. Brown.

Ball—"Indoor Yacht Club," Alexander Young Hotel Roof Garden, Benedict Hawaii Yacht Club.

Krue—C. D. Wright, Admiral; Chester Irwin, Coroner; G. B. Marsilly, Keeper of the Do; Geo. C. Hull, Scribe; Ray Irwin, Shef de Kusine; Jas. P. Lynch, Inspector of Broilers; J. Walter Doyle, Spark Operator; Dick Young, Bean; James L. Coke, Rapid Fire Gunner; Jack Doyle, Lay-out Keeper; N. B. Young, Master in Arms.

Floor Damagers—Dick Young, R. W. Perkins.

Assistant's—J. P. Lynch, J. L. Coke, Jack Doyle, S. A. Walker, R. McCarrison, H. A. Wilder.

## JOHNNY MARTIN HELPS SWELL PARADE SECTION

Johnny Martin has come to the rescue of the Fourth of July and helped swell the size of the Antiques and Horribles section of the morning parade. Martin stirred up the boys down in Kakaako until about fifty are entering this section and he is planning an entry for it on his own enthusiasm and is going in to make his part of the parade a big success.

## LONE "DAY" MOSQUITO FOUND BY OFFICIALS

The first instance of "day" mosquitoes—the title given those insects of the breed sufficiently bold to face the broad sunlight—that has been reported to the mosquito campaign officials in many months, was brought to Dr. McCoy yesterday.

On investigating the infected premises the officers found a tub containing wriggler-infested water that had been placed there several weeks ago to keep vermin away from a pot of flowers, which rested in the center of the tub. The water was dumped out and the householder advised to change the water at least every ten days.

If a man is too lazy to kick, his wife insists that he is patient. Perhaps babies talk funny for the purpose of giving grown up people.

If your wife thinks she is the whole show, don't tell her what you think. Homer Davenport, the cartoonist, was buried in Silverton, Ore.

Miss Lillian Goeppler of Great Barrington, Mass., was drowned while trying to save the life of a pet dog.

dates and amounted to .14 inch, .02 above the average, and .13 more than last week's.—Hawalian Sugar Co.

Makawili Ranch (28)—The mean temperature was 77.2°. Rain fell on four dates and amounted to .13 inch, .45 less than during the preceding week.—C. C. Conrad.

Molokai Ranch (28)—There was .58 inch of rainfall on the 27th, .38 above the average, and .45 more than last week's.—J. S. B. Pratt, Jr.



J. WALTER DOYLE

## HONOLULU READY

(Continued from Page 1)

a tour of inspection yesterday afternoon to see that everything was in readiness. A visit to Pughbowl showed the apparatus to be used in reviving the fires of that long extinct crater, all in place, with barrels of oil, and piles of red and green fire and explosives ready for use.

Looks Like War at Park.

Kapiolani Park, has all the appearance of a war like camp. The cavalry and artillery commands which will take part in the military tournament arrived early yesterday afternoon after a long hot march from Schofield Barracks. The men pitched their tents with military promptitude and precision, and hundreds of horses and mules were picketed in long lines and the rapid fire guns stationed at the approaches to the camp as they would be during actual war.

Under the eye of Superintendent Young gangs of men were engaged in putting the race track in condition, their work being interfered with somewhat by ambitious motor cyclists who shot around on their thundering machines in preparation for the races tomorrow.

The military and other sports will be held on the polo field and arrangements have been made for the parking of autos and carriages along one side of the grounds so that they will not interfere with pedestrians.

Space has been allotted to the hucksters and those who wish to put up refreshment stands, but vendors of drinks and peanuts will not be allowed to go through the crowds.

During the military tournament, soldiers will police the grounds, and after this feature, the mounted police will be in charge.

Will Use Real Bullets.

Real bullets, so many of them that the firing will sound like Chinese New Year, when the Celestials grow extravagant and set off a dozen packages of firecrackers at a time, will be fired by the machine gun platoon of the Fifth Cavalry as a wind-up to the drill at Kapiolani Park the morning of the Fourth. The guns will be pointed out to sea, and it is up to boaters and bathers to keep at a respectful distance while the bombardment is in progress.

The drill of the machine gun platoon will open the military tournament at the park, and Major Jenkins, who will command the Lethua detachment that is to show the people of Honolulu some army tricks, wants to combine noise with action. The machine guns don't take blank ammunition, so the major has decided to put out flankers on the beach to warn off inquisitive pedestrians, and then let his men practise marksmanship on the melancholy marmalades and hungry hulaes. Boatmen and bathers had best take warning, and give the water opposite the park a wide berth.

Battery F will represent the First Field Artillery, and will give an exciting section race and drill that is brand new to civilians. Captain Deems commands the battery, and Lieutenants Peyton, Seelich and Bowley are attached to it. Troop C, Fifth Cavalry, Captain Elliott, will give an exhibition drill, including a saber charge, while Troop D, in command of Lieutenant Winnie, will go through the famous "monkey drill." Such stunts as jumping hurdles on four horses are included in the latter.

There are few places in the United States where military stunts of this sort are pulled off. Fort D. A. Russell, Wyo., and Fort Meyer, Va., are about the only posts where tournaments of the kind are at all frequent, and Honolulu people are getting more that they realize in the coming military tournament.

The detachment is expected to pass through the city early this afternoon. The men will go into camp at Kapiolani Park, and will start on the return march July 5. The Fifth Cavalry band accompanies the detachment.

Wm. B. STOCKMAN, Section Director.

## RAPID TRANSIT TO CITY BLOSSOMS OUT IN GAY COLORS

Superintendent Pratt Thinks Company Can Handle the Traffic O. K.

Everything on wheels—the Rapid Transit Company can muster will be put on the tracks tomorrow to handle what is expected to be a record-breaking crowd.

Moreover, the Rapid Transit Company officials today announced that the parade tomorrow morning will be given right-of-way, and that while it is in progress on King and on Beretania streets the cars will be stopped.

Superintendent Pratt held a brief conference with J. Walter Doyle this morning and said that the company will have every car out that can carry passengers. It is expected that there will be heavy traffic on every line and all day long. Cars will be run in double or triple-headers wherever feasible.

As to extra cars tomorrow night, Superintendent Pratt said he doubted if there will be need for any. However, these may be arranged later, on account of the dance of the Indoor Yacht Club on the Young Hotel roof-garden.

Small Shop-Owners Set Example of Early and Elaborate Displays

Honolulu's lavishly decorated for the nation's birthday. This morning practically every business house along Fort street was putting out its colors, and George Washington, Abraham Lincoln and other of the nation's heroes figures, in more or less flattering likeness, in decorative schemes in many windows.

Urged on by the example of small shops which began to burgeon out in gay hunting and flag, the big houses set men at work and Fort street was soon a blaze of color. Many novel ideas were used.

The Capitol grounds are patriotically decorated, flags being hung around the executive building and the building itself showing color here and there.

There is still much to be wished, however, and Honolulu has plenty of time still, to decorate every shop, office front and home.

BIGAMIST FREE; SERVED TERM

Joseph Mol, sailor employed by the Inter-Island, awoke one morning after a prolonged spree in Honolulu and found himself the husband of two wives. How it happened he was never able to explain. That was about two years ago. He awoke again this morning to find himself a free man, after a year and nine months served under conviction of bigamy by the federal court.

Mol has proved himself entirely reliable and trustworthy when not celebrating. The government officials found that out, because during almost his entire term he has been a "trustee" and with two other equally reliable natives has been janitor around the federal courts. By taking advantage of the "poor convict's oath" he served an extra month and escaped the payment of the fine that was included as a part of his penalty.

Lee Young, who was convicted of attempting to pass counterfeit money two years ago, was also released this morning, after taking advantage of the same provision for indigent prisoners.

## PERSONALITIES

J. B. HUNTINGTON of Portland, Ore., and Manila, is a through passenger on the transport, called to the States by cable news of the serious illness of his daughter. He has been in Manila for some five years. Mr. Huntington may stop in Honolulu on his way back to the Islands.

T. L. TRIBBETT of Pittsburg has written friends that he will be in the Islands in September with a party of four people.

WM. SEARBY, mill superintendent of the big Puunene sugar factory, is in Honolulu until after the Fourth of July celebration.

## THE CEMENT AGE

The world has had its stone age; it has passed out of its iron age within the memory of many; it is now well into its steel age, and it looks as if it were moving rapidly toward what with equal reason might be called its cement age. The bureau of statistics of the United States Department of Commerce and Labor has been engaged in the collection of data bearing on this subject, with the result of discovering that the production, consumption and exportation of cement in this country are all making remarkable gains. The quantity of cement produced, for instance, grew from 8,000,000 barrels in 1890 to 78,000,000 barrels in 1910, the value in the same period having increased from \$6,0